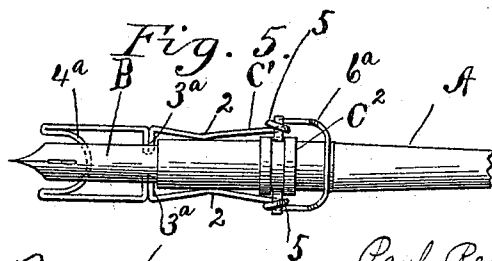
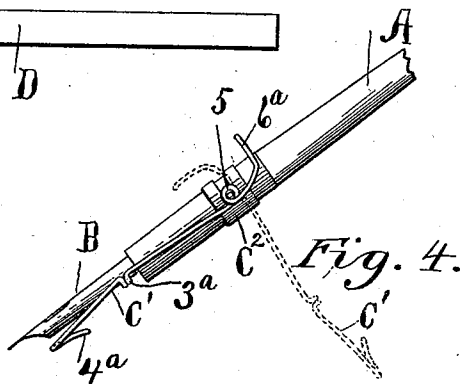
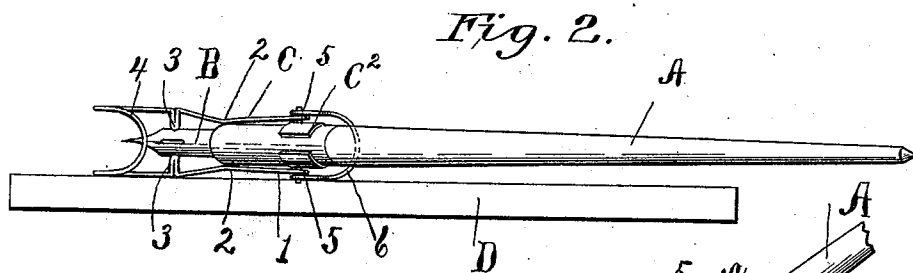
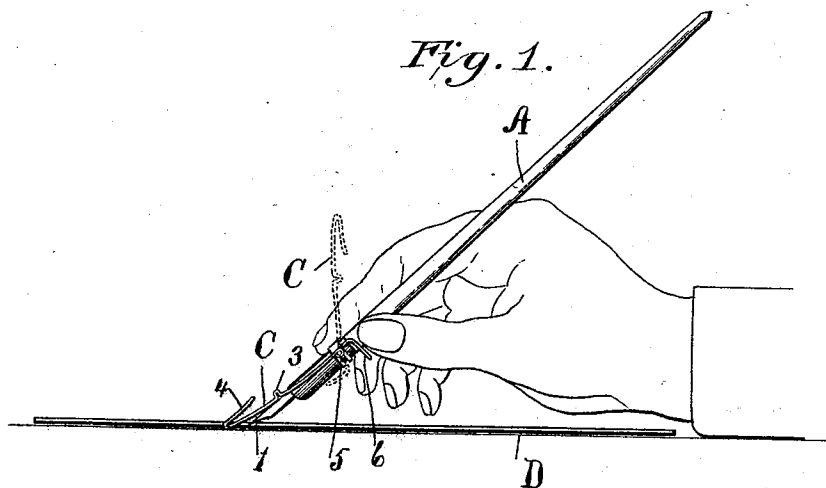


(No Model.)

P. R. STEVENS.
PEN GUARD FOR RULING PURPOSES.

No. 544,600.

Patented Aug. 13, 1895.



Witnesses

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UNITED STATES PATENT OFFICE.

PAUL REVERE STEVENS, OF PORTLAND, MAINE.

PEN-GUARD FOR RULING PURPOSES.

SPECIFICATION forming part of Letters Patent No. 544,600, dated August 13, 1895.

Application filed May 15, 1895. Serial No. 549,426. (No model.)

To all whom it may concern:

Be it known that I, PAUL REVERE STEVENS, a citizen of the United States, residing at Portland, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Pen-Guards for Ruling Purposes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to ruling attachments for penholders; and it consists in providing a suitable detachable device by means of which an ordinary penholder may be used, in combination with a ruler, for ruling straight lines for drafting, bookkeeping, or other purposes where it is found desirable to rule straight lines with an ordinary pen without soiling the ruler with ink from the pen.

My invention will be understood by reference to the accompanying drawings, in which the same parts are indicated by the same letters and numerals throughout the several views.

A represents a penholder of ordinary construction, carrying a pen B, which may be of any desirable make. On this penholder is slipped a revoluble guide-piece C or C', which is attached to the penholder by the spring-clip C².

D represents an ordinary flat ruler.

The guide-piece C (shown in Figures 1 and 2) is made of one piece of wire, the ends of which abut and may or may not be soldered together, as required. This wire is bent forward, as at 1, to press against the sides of the penholder, as at 2, and is provided with re-entrant bends 3 and a loop 4, bent upward and backward. Opposite to said loop 4 is a somewhat similar loop 6, which is connected to the part 1 of the wire by the twisted eyes 5, which eyes inclose the lugs 8, pressed out of the plate C², leaving a score 7 therein, while this plate is bent into a nearly circular form, so as to constitute a spring-clasp, the ends 9 whereof nearly meet, as shown in Fig. 3.

In the device shown in Figs. 4 and 5 the re-entrant bends 3^a and the loop 4^a are adapted to pass beneath the pen instead of above the same, as shown in Figs. 1 and 2, while the

loop 6^a passes above the penholder, whereas in the device shown in Figs. 1 and 2 the loop 6 passes below the penholder.

The essential differences in the use of the two forms of the device are that in Fig. 1 the loop 6 may be pressed down, drawing the ruler attachment up, as shown in dotted lines, and thus enabling the writer to continue writing without raising the pen, while in Figs. 4 and 5 the ruling attachment is swung downward by pressing the loop 6^a upward, as shown in dotted lines in Fig. 4, in which case it would be necessary to raise the pen in order to throw the ruling attachment out of operation.

The device shown in Figs. 1 and 2, while somewhat more difficult to manipulate without practice, has the additional advantage that no part of the ruler attachment is beneath the pen, and hence the same is not so likely to be clogged with ink dropping from the pen.

Either form of the device is believed to be a cheap, simple, and extremely efficient device for the purpose described, which device may be readily applied to any penholder of ordinary construction. These and the various other advantages of the herein-described construction will readily suggest themselves to any practical mind.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A pen guard for ruling purposes comprising a spring-clip with lugs projecting therefrom, and a wire frame pivoted on said lugs and adapted to project on either side of the pen when said clip is secured on the penholder, substantially as described.

2. A pen guard for ruling purposes comprising a spring-clip with lugs projecting therefrom on opposite sides thereof, and a wire frame pivoted on said lugs and provided with obversely disposed loops at the two ends of said frame, substantially as described.

3. A pen guard for ruling purposes comprising a spring-clip with lugs projecting therefrom on opposite sides thereof, and a wire frame pivoted on said lugs and provided with a loop at either end opposite said pivots and re-entrant arms adapted to bear on the pen

when the said guard is in use, substantially as described.

4. A pen guard for ruling purposes comprising a spring-clip with lugs projecting therefrom on opposite sides thereof, and a wire frame pivoted on said lugs and having obversely disposed loops at the two ends of said frame, with sides adapted to press against the pen holder and re-entrant arms adapted

to bear against the pen, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

PAUL REVERE STEVENS.

Witnesses:

HENRY W. SWASEY,

CHARLES O. BARROWS.